

Appendix B

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"TRANSMISSION ELECTRON MICROSCOPY": 3399 patents.

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"TRANSMISSION ELECTRON MICROSCOPY"

PAT. NO. Title

751 6,232,156 T Method of manufacturing a semiconductor device

752 6,232,138 T Relaxed In_xGa(1-x)As buffers

753 6,232,057 T Iodide ion releasing compound, and silver halide light-sensitive photographic material containing the same

754 6,232,055 T Silver halid color photographic photosensitive material

755 6,231,980 T BX CY NZ nanotubes and nanoparticles

756 6,231,668 T Method for manufacturing a calibrated scale in the nanometer range for technical devices used for the high resolution or ultrahigh-resolution imaging of structures and such scale

757 6,231,636 T Mechanochemical processing for metals and metal alloys

758 6,229,153 T High peak current density resonant tunneling diode

759 6,228,922 T Method of making conductive metal-containing polymer fibers and sheets

760 6,228,638 T Escherichia coli CSRB gene and RNA encoded thereby

761 6,228,565 T Silver halide color photographic photosensitive material

762 6,228,535 T Nickel hydroxide positive electrode material exhibiting improved conductivity and engineered activation energy

763 6,228,515 T Underlayer for use in a high density magnetic recording media

764 6,228,248 **T** Biomimetic pathways for assembling inorganic thin films and oriented mesoscopic silicate patterns through guided growth

765 6,228,117 **T** Device for tissue engineering bone

766 6,225,412 **T** Plastic toughened plastics

767 6,225,192 **T** Method of producing a thin layer of semiconductor material

768 6,225,041 **T** Silver halide photographic emulsion and silver halide photographic light sensitive material

769 6,224,881 **T** DNA molecule fragments encoding for cellular uptake of Mycobacterium tuberculosis and uses thereof

770 6,224,739 **T** Process for preparing solvent-stabilized metal colloids and substrate-immobilized metal clusters

771 6,223,961 **T** Apparatus for cleaving crystals

772 6,221,471 **T** Rubber modified monovinylidene aromatic polymer blends

773 6,221,440 **T** Process for plating metal coating

774 6,221,330 **T** Process for producing single wall nanotubes using unsupported metal catalysts

775 6,221,275 **T** Enhanced heat transfer using nanofluids

776 6,221,154 **T** Method for growing beta-silicon carbide nanorods, and preparation of patterned field-emitters by chemical vapor depositon (CVD)

777 6,218,663 **T** Process and device for ion thinning in a high resolution transmission electron microscope

778 6,218,594 **T** Guinea pig model for leiomyomas

779 6,218,360 **T** Collagen based biomaterials and methods of preparation and use

780 6,218,356 **T** Neural receptor tyrosine kinase

781 6,218,324 **T** Ceramic composites containing weak interfaces with ABO₄ tungstate, molybdate, tantalate, and niobate phases

782 6,218,141 **T** High molecular weight surface proteins of non-typeable haemophilus

783 6,218,095 **T** Silver halide color photographic photosensitive material

784 6,217,843 **T** Method for preparation of metal intercalated fullerene-like metal chalcogenides

785 6,217,416 **T** Chemical mechanical polishing slurry useful for copper/tantalum substrates

786 6,215,248 **T** Germanium emitter electrodes for gas ionizers

787 6,215,061 **T** Photoconductive thin film, and photovoltaic device making use of the same

788 6,214,936 **T** Use of microphase-separated polymer blends for the preparation of permeable membranes

789 6,214,543 **T** DNA molecule encoding for cellular uptake of Mycobacterium tuberculosis and uses thereof

790 6,214,422 **T** Method of forming a hybrid polymer film

791 6,214,331 **T** Process for the preparation of aqueous dispersions of particles of water-soluble polymers and the particles obtained

792 6,214,309 **T** Sinterable carbides from oxides using high energy milling

793 6,214,178 **T** Focused ion beam formation of angled optoelectronic devices

794 6,211,536 **T** Semiconductor device having improved crystal orientation

795 6,211,431 **T** Plant transcription regulators from circovirus

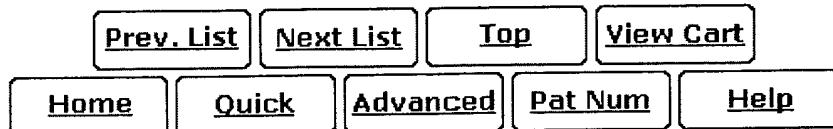
796 6,211,416 **T** Method for producing enol ethers

797 6,211,298 **T** Rubber modified monovinylidene aromatic polymer compositions

798 6,211,287 **T** Particle formation process and marking materials thereof

799 6,210,952 **T** Bacillus thuringiensis mutants which produce higher yields of crystal delta-endotoxin than their corresponding parental strains

800 6,210,889 **T** Method for enrichment of fetal cells from maternal blood and use of same in determination of fetal sex and detection of chromosomal abnormalities



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"TRANSMISSION ELECTRON MICROSCOPY": 3399 patents.

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"TRANSMISSION ELECTRON MICROSCOPY"

PAT. NO. Title

3351 4,151,686 T Silicon carbide and silicon bonded polycrystalline diamond body and method of making it

3352 4,149,915 T Process for producing defect-free semiconductor devices having overlapping high conductivity impurity regions

3353 4,149,074 T Detector for a scanning transmission-type electron microscope

3354 4,138,383 T Preparation of small bio-compatible microspheres

3355 4,129,462 T Gamma prime hardened nickel-iron based superalloy

3356 4,128,765 T Ion beam machining techniques and apparatus

3357 4,127,558 T Compositions of a polyphenylene ether resin and alkenyl aromatic resins modified with EPDM rubber containing propylene

3358 4,127,416 T Method of producing a ceramic product

3359 4,125,406 T Alumina-chromia-metal (IV) oxide refractory fibers having a microcrystalline phase

3360 4,124,401 T Polycrystalline diamond body

3361 4,123,396 T Impregnated metal-polymeric functional beads

3362 4,119,840 T Fast acting gain photocurrent device

3363 4,118,222 T Glassy hafnium-beryllium alloys

3364 4,116,994 T Hydrocarbon synthesis from CO and H₂ using Rh supported on titanium oxides

3365 4,115,228 T Method of making secondary-electron emitters

3366 4,110,084 **T** Composite of bonded cubic boron nitride crystals on a silicon carbide substrate

3367 4,106,939 **T** Imaging and recording of information utilizing a tellurium tetrahalide complex of an aromatic amine

3368 4,105,598 **T** Cell specific, variable density, polymer microspheres

3369 4,102,850 **T** High impact polyphenylene ether resin compositions containing mineral oil

3370 4,101,505 **T** Compositions of a polyphenylene ether resin and EPDM rubber-modified alkenyl aromatic resins having specified gel content

3371 4,101,504 **T** High impact compositions of a polyphenylene ether resin and alkenyl aromatic resins modified with EPDM rubber

3372 4,101,503 **T** Compositions of a polyphenylene ether resin and high molecular weight alkenyl aromatic resins modified with EPDM rubber

3373 4,101,460 **T** High performance ion exchange composition

3374 4,097,935 **T** Hydroxylapatite ceramic

3375 4,094,706 **T** Preparation of zirconium alloys

3376 4,086,001 **T** Planar optical waveguide

3377 4,069,068 **T** Semiconductor fabrication method for improved device yield by minimizing pipes between common conductivity type regions

3378 4,067,756 **T** High strength, high ductility low carbon steel

3379 4,067,734 **T** Titanium alloys

3380 4,053,335 **T** Method of gettering using backside polycrystalline silicon

3381 4,049,478 **T** Utilization of an arsenic diffused emitter in the fabrication of a high performance semiconductor device

3382 4,046,720 **T** Crosslinked, porous, polyacrylate beads

3383 4,042,615 **T** Hydrocarbon synthesis from CO and H_{sub.2} using Ni supported on a titanium oxide

3384 4,042,614 **T** Hydrocarbon synthesis from CO and H_{sub.2} using Ru supported on a titanium oxide

3385 4,038,543 **T** Scanning transmission electron microscope including an improved image detector

3386 4,038,216 **T** Material and method of making secondary-electron emitters

3387 4,035,316 **T** Cell specific, variable density, polymer microspheres

3388 4,029,718 **T** Pivalolactone random graft copolymers

3389 4,028,149 **T** Process for forming monocrystalline silicon carbide on silicon substrates

3390 4,018,626 **T** Impact sound stressing for semiconductor devices

3391 4,004,449 **T** Impact sound stressing for semiconductors

3392 3,997,368 **T** Elimination of stacking faults in silicon devices: a gettering process

3393 3,985,632 **T** Small, porous polyacrylate beads

3394 3,977,993 **T** Metal oxide aerogels

3395 3,962,716 **T** Reduction of dislocations in multilayer structures of zinc-blend materials

3396 3,958,207 **T** Injection current device and method

3397 3,957,741 **T** Crosslinked, porous, polyacrylate beads

3398 3,944,332 **T** Optical sensitization and development of liquid crystalline devices

3399 3,939,346 **T** Gain photo-current enhancement method